

Converting Colors

Hex(6142C7)

Have a look what the booklet for
Hex(6142C7) contains.

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Color

Hex(6142C7)

Conversions

Conversions Part 1

Format	Color
Hex	6142C7
RGB	97, 66, 199
RGB Percent	38%, 26%, 78%
CMY	0.6196, 0.7412, 0.2196
CMYK	0.51, 0.67, 0.00, 0.22
HSL	254°, 54%, 52%
HSV	254°, 67%, 78%
XYZ	17.1868, 10.5613, 55.1655
YIQ	90.4310, -24.2170, 47.9350

Conversions

Conversions Part 2

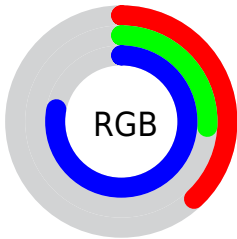
Format	Color
R_{YB}	97, 66, 199
Decimal	6374087
CIE _{Lab}	38.83, 46.40, -64.90
CIE _{LCh}	39, 79.782, 305.560
Yxy	10.5613, 0.2073, 0.1274
Android (android.graphics.Color)	4284564167 (0xFF6142C7)
YUV	90.4310, 53.5245, 5.7610
Hunter-Lab	32.4982, 37.5284, -77.8957

Details

The Hex color **6142C7** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **A8C742**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9B74FF**, and **1E1290** is the 20% darker color. If you saturate the color by 10%, you get **522EC7**, and if you desaturate by 10%, it is **7056C7**.

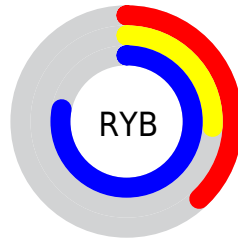
Distribution



Red (38%)

Green (26%)

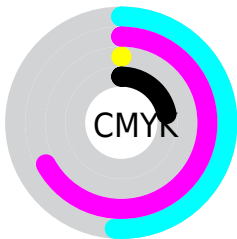
Blue (78%)



Red (38%)

Yellow (26%)

Blue (78%)

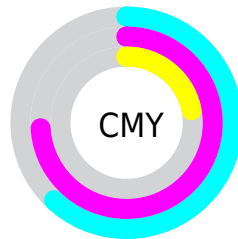


Cyan (51%)

Magenta (67%)

Yellow (0%)

Black (22%)



Cyan (62%)

Magenta (74%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6142C7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6142C7 by changing the saturation by 10% instead.

■ 6142C7

■ 6142C7

FFFFFF

■ 422AAB

■ 9B74FF

■ 1E1290

■ B98EFF

■ 000075

■ D6A9FF

■ 00005C

■ F4C5FF

■ 000743

■ FFE1FF

■ 00032C

FFFEFF

■ 000116

■ 000000

■ 6142C7

■ 6142C7

■ 522EC7

■ 7056C7

■ 421AC7

■ 806AC7

■ 3306C7

■ 8F7EC7

■ 2E00C7

■ 9E92C7

■ ADA6C7

■ BDB9C7

■ CCCDC7

■ DBE1C7

■ EAF5C7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0061E0



6142C7



AE0092

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6142C7



994200



007466

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6142C7



A8C742

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00721F



6142C7



665D00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6142C7



BC0012



116B00



0075A6

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6142C7



C30068



116B00



007450

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6142C7



D8CCFF



42AAC7



686180



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6142C7



6333FF



A142C7



5C5A63



2600A3



080024

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C742A8



FF33CF



68C742



635A61



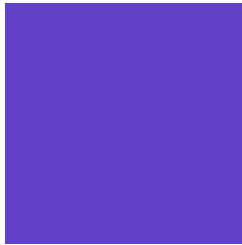
A3007D



24001B

Previews

White Background



This preview shows how the Hex color 6142C7 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

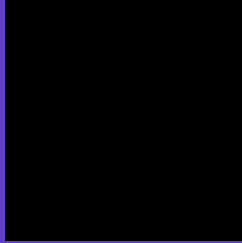
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6142C7 Background



This preview shows how black text looks on a background with the Hex color 6142C7.

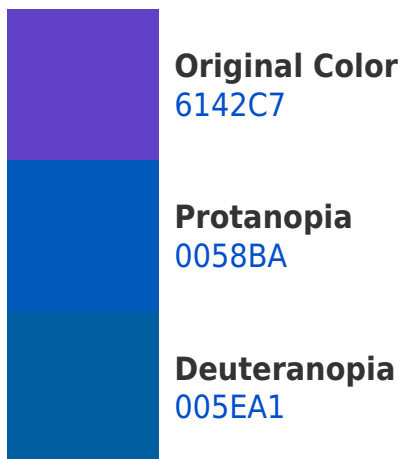


This preview shows how white text looks on a background with the Hex color 6142C7.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

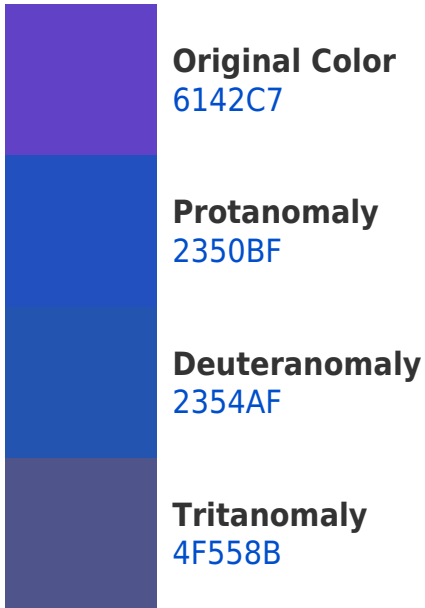
Dichromacy



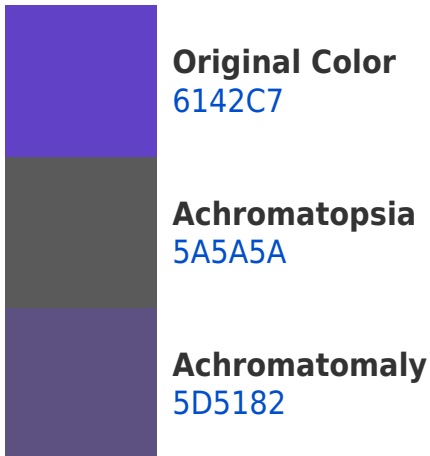


Tritanopia
446068

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6142C7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6142C7 looks like.

```
.text, #text, p{  
    color:#6142C7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6142C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6142C7
}
```

Border

The CSS property to change the border of an element to Hex 6142C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

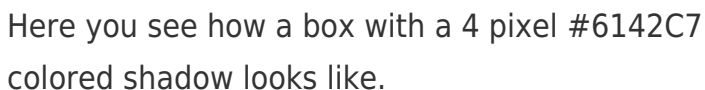
```
.border, #border, table{ border:4px solid
#6142C7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6142C7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6142C7 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6142C7; -webkit-box-shadow:4px 4px  
4px 4px #6142C7; box-shadow:4px 4px 4px  
4px #6142C7 }
```

Background

The CSS property to change the background color of an element to Hex 6142C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6142C7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6142C7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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